

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: September 30, 2002, 16:06:12 ; Search time 13.06 Seconds

(without alignments)
591.002 Million cell updates/sec

Title: US-09-671-658A-2
Perfect score: 316
Sequence: 1 MRRASRDYGYLRSEEMGS.....LLDPDQDTYGFARVQDID 316

Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 231628 seqs, 24425594 residues

Word size : 0

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 75 summaries

Database : Issued Patents AA:*
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCITUS_COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	316	100.0	316	2	US-08-842-842-7
2	316	100.0	316	4	US-08-989-362-2
3	316	100.0	316	4	US-09-052-521C-2
4	217	68.7	294	3	US-08-996-139-11
5	217	68.7	294	4	US-08-995-659-11
6	217	68.7	294	4	US-09-215-649A-11
7	27	8.5	28	4	US-09-052-521C-34
8	22	7.0	27	4	US-09-052-521C-33
9	22	7.0	317	3	US-08-996-139-13
10	22	7.0	317	4	US-08-995-659-13
11	22	7.0	317	4	US-09-215-649A-13
12	22	7.0	317	4	US-09-052-521C-4
13	17	5.4	17	4	US-09-052-521C-35
14	8	2.5	459	2	US-08-870-518-2
15	8	2.5	4472	2	US-08-804-227C-2
16	7	2.2	21	2	US-08-997-080-4
17	7	2.2	21	2	US-08-997-362-4
18	7	2.2	21	3	US-08-873-970-4
19	7	2.2	21	4	US-09-095-855-4
20	7	2.2	21	4	US-08-705-347A-4
21	7	2.2	21	4	US-09-324-542-4
22	7	2.2	21	2	US-08-640-847C-3
23	7	2.2	41	2	US-08-640-847C-9
24	7	2.2	41	2	US-08-640-847C-12
25	7	2.2	58	2	US-08-284-391B-35
26	7	2.2	58	4	US-09-218-950-35
27	7	2.2	93	1	US-08-591-498-10

28	7	2.2	93	1	US-08-591-498-14	Sequence 14, Appl
29	7	2.2	117	3	US-08-702-609A-4	Sequence 4, Appl
30	7	2.2	117	3	US-08-702-609A-6	Sequence 6, Appl
31	7	2.2	190	3	US-08-799-149C-3	Sequence 3, Appl
32	7	2.2	207	4	US-09-199-637A-211	Sequence 211, App
33	7	2.2	223	4	US-09-171-461-11	Sequence 11, Appl
34	7	2.2	223	4	US-08-420-235B-47	Sequence 47, Appl
35	7	2.2	301	1	US-08-343-101A-22	Sequence 22, Appl
36	7	2.2	301	3	US-09-183-688-22	Sequence 22, Appl
37	7	2.2	301	3	US-08-793-624-47	Sequence 47, Appl
38	7	2.2	337	2	US-08-861-464-12	Sequence 12, Appl
39	7	2.2	337	2	US-08-396-001-12	Sequence 12, Appl
40	7	2.2	337	4	US-09-323-433A-12	Sequence 12, Appl
41	7	2.2	370	4	US-09-142-551A-4	Sequence 4, Appl
42	7	2.2	375	3	US-08-872-979-3	Sequence 3, Appl
43	7	2.2	396	4	US-09-142-551A-3	Sequence 3, Appl
44	7	2.2	422	2	US-08-485-938A-34	Sequence 34, Appl
45	7	2.2	468	2	US-08-390-000A-7	Sequence 7, Appl
46	7	2.2	472	1	US-08-194-338-6	Sequence 6, Appl
47	7	2.2	477	1	US-08-444-734A-4	Sequence 4, Appl
48	7	2.2	477	1	US-08-087-772A-16	Sequence 16, Appl
49	7	2.2	660	3	US-09-111-085-2	Sequence 2, Appl
50	7	2.2	660	4	US-09-376-781-5	Sequence 5, Appl
51	7	2.2	712	1	US-08-587-889-2	Sequence 2, Appl
52	7	2.2	712	2	US-08-980-060-5	Sequence 5, Appl
53	7	2.2	712	4	US-09-307-185-5	Sequence 5, Appl
54	7	2.2	712	5	PCT-US96-09193-2	Sequence 2, Appl
55	7	2.2	719	5	US-08-765-907A-15	Sequence 15, Appl
56	7	2.2	956	-1	US-08-185-232A-2	Sequence 2, Appl
57	7	2.2	956	1	US-08-416-523-2	Sequence 2, Appl
58	7	2.2	956	3	US-08-789-478-2	Sequence 2, Appl
59	7	2.2	1001	1	US-07-797-556-6	Sequence 6, Appl
60	7	2.2	1001	1	US-07-943-843-2	Sequence 2, Appl
61	7	2.2	1001	1	US-08-347-003-2	Sequence 2, Appl
62	7	2.2	1070	3	US-08-922-635-22	Sequence 22, Appl
63	7	2.2	1097	1	US-07-943-843-6	Sequence 6, Appl
64	7	2.2	1097	1	US-08-347-003-6	Sequence 6, Appl
65	7	2.2	1572	2	US-08-290-731C-5	Sequence 5, Appl
66	6	1.9	6	4	US-08-748-073-2	Sequence 2, Appl
67	6	1.9	10	4	US-09-001-984C-78	Sequence 78, Appl
68	6	1.9	12	1	US-08-460-874A-46	Sequence 46, Appl
69	6	1.9	12	2	US-08-388-883B-46	Sequence 46, Appl
70	6	1.9	12	4	US-08-462-211A-46	Sequence 46, Appl
71	6	1.9	12	4	US-09-258-754-74	Sequence 74, Appl
72	6	1.9	12	4	US-09-042-107-74	Sequence 107, Appl
73	6	1.9	12	4	US-08-957-130-10	Sequence 10, Appl
74	6	1.9	15	3	US-08-630-916A-94	Sequence 94, Appl
75	6	1.9	15	4	US-08-602-999A-307	Sequence 307, App

ALIGNMENTS

RESULT 1
US-08-842-842-7
; Sequence 7, Application US/08842842
; Patent No. 5843678
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: OSTEOCALCIN BINDING PROTEINS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Dehaven Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/842,842
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Winter, Robert B.
;; REFERENCE/DOCKET NUMBER: A-451
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 316 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-08-842-842-7

Query Match 100.0%; Score 316; DB 2; Length 316;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MRRASRDYGYKYLRSSEMGSGPGVHEGPHLPAPSAPAPPPAASRSMFLALILGLGLGQ 60
1 MRRASRDYGYKYLRSSEMGSGPGVHEGPHLPAPSAPAPPPAASRSMFLALILGLGLGQ 60
61 VVCSIALFLYFRAQMDPNRISESTHCFYRILRLHENAGLQDSTLESEDTPDSCRRMKQ 120
61 VVCSIALFLYFRAQMDPNRISESTHCFYRILRLHENAGLQDSTLESEDTPDSCRRMKQ 120
121 AFOGAVQKELQHVGPQRFSGAPAMMEGSLDVAQKPEAQPFAHLTINAASIPSGSHK 180
121 AFOGAVQKELQHVGPQRFSGAPAMMEGSLDVAQKPEAQPFAHLTINAASIPSGSHK 180
181 VTLSWYHHRGWAKISNMTLSNGKLRVNDGFYLYANICFRHHETSGSVPTDYQLVMY 240
181 VTLSWYHHRGWAKISNMTLSNGKLRVNDGFYLYANICFRHHETSGSVPTDYQLVMY 240
241 VVKTSIKIPSSHNLKMGSTKNWGSNSEFHFYSINVGFFKLRAGEEISIQVSNPSLLDP 300
241 VVKTSIKIPSSHNLKMGSTKNWGSNSEFHFYSINVGFFKLRAGEEISIQVSNPSLLDP 300
301 DQDATYFGAFKVQDID 316
301 DQDATYFGAFKVQDID 316

RESULT 2
US-08-989-362-2
Sequence 2, Application US/08989362
Patent No. 6242586
GENERAL INFORMATION:
APPLICANT: Gorman, Daniel M.
APPLICANT: Mattison, Jeanine D.
TITLE OF INVENTION: Mammalian Cell Surface Antigens; Related
TITLE OF INVENTION: Reagents
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSES: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT: Gorman, Daniel M.
FILING DATE: 12-DEC-1997
CLASSIFICATION: 56
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,846

;; FILING DATE: 13-DEC-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ching, Edwin P.
;; REGISTRATION NUMBER: 34,090
;; REFERENCE/DOCKET NUMBER: DX0686
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (650)852-9196
;; TELEFAX: (650)496-1204
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 316 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-08-989-362-2

Query Match 100.0%; Score 316; DB 4; Length 316;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MRRASRDYGYKYLRSSEMGSGPGVHEGPHLPAPSAPAPPPAASRSMFLALILGLGLGQ 60
1 MRRASRDYGYKYLRSSEMGSGPGVHEGPHLPAPSAPAPPPAASRSMFLALILGLGLGQ 60
61 VVCSIALFLYFRAQMDPNRISESTHCFYRILRLHENAGLQDSTLESEDTPDSCRRMKQ 120
61 VVCSIALFLYFRAQMDPNRISESTHCFYRILRLHENAGLQDSTLESEDTPDSCRRMKQ 120
121 AFOGAVQKELQHVGPQRFSGAPAMMEGSLDVAQKPEAQPFAHLTINAASIPSGSHK 180
121 AFOGAVQKELQHVGPQRFSGAPAMMEGSLDVAQKPEAQPFAHLTINAASIPSGSHK 180
181 VTLSWYHHRGWAKISNMTLSNGKLRVNDGFYLYANICFRHHETSGSVPTDYQLVMY 240
181 VTLSWYHHRGWAKISNMTLSNGKLRVNDGFYLYANICFRHHETSGSVPTDYQLVMY 240
241 VVKTSIKIPSSHNLKMGSTKNWGSNSEFHFYSINVGFFKLRAGEEISIQVSNPSLLDP 300
241 VVKTSIKIPSSHNLKMGSTKNWGSNSEFHFYSINVGFFKLRAGEEISIQVSNPSLLDP 300
301 DQDATYFGAFKVQDID 316
301 DQDATYFGAFKVQDID 316

RESULT 3
US-09-052-521C-2
Sequence 2, Application US/09052521C
Patent No. 6316408
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
FILE REFERENCE: A-451Brv
CURRENT APPLICATION NUMBER: US/09/052,521C
CURRENT FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 08/880,855
PRIOR FILING DATE: 1997-06-23
PRIOR APPLICATION NUMBER: 08/842,842
PRIOR FILING DATE: 1997-04-16
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 316
TYPE: PRT
ORGANISM: Mouse
US-09-052-521C-2

Query Match 100.0%; Score 316; DB 4; Length 316;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRRASRDYGYKYLRSSEMGSGVCPHEGPHLPAPSAPAPPPAASRSMFLALLGLGLGQ 60
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Db 1 MRRASRDYGYKYLRSSEMGSGVCPHEGPHLPAPSAPAPPPAASRSMFLALLGLGLGQ 60
QY 61 VVCSIALFLYFRAQMDPNRISSESTHCFYRILRLHENAGLQDSTLSEDTLPDSCRRMKQ 120
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Db 61 VVCSIALFLYFRAQMDPNRISSESTHCFYRILRLHENAGLQDSTLSEDTLPDSCRRMKQ 120
QY 121 AFQAVOKELQHVGPQRTSGAPAMMEGSLDVAQKGPFAQFPAHLTINAAIPSGSHK 180
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Db 121 AFQAVOKELQHVGPQRTSGAPAMMEGSLDVAQKGPFAQFPAHLTINAAIPSGSHK 180
QY 181 VTLSSWYHGRGAKISNMTLSNGKLRVNDGGFYLYANICFRHHETSGSVPTDYLOLMVY 240
|||||
Db 181 VTLSSWYHGRGAKISNMTLSNGKLRVNDGGFYLYANICFRHHETSGSVPTDYLOLMVY 240
QY 241 VVKTSIKIPSSHNLKMGSTKNWGNSEFHFYSINVGFFKLAGEEISIOVSNPSLLDP 300
|||||
Db 241 VVKTSIKIPSSHNLKMGSTKNWGNSEFHFYSINVGFFKLAGEEISIOVSNPSLLDP 300
QY 301 DODATYFGAFKVQDID 316
|||||
Db 301 DODATYFGAFKVQDID 316

RESULT 4

US-08-996-139-11
; Sequence 11, Application US/089996139
; Patent No. 6017729
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; APPLICANT: Galibert, Laurent
; APPLICANT: Maraskovsky, Eugene
; TITLE OF INVENTION: Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,139
; FILING DATE: 22 DECEMBER 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 60/064,671
; FILING DATE: 14 OCTOBER 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/813,509
; FILING DATE: 07 MARCH 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2851-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 294 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-08-996-139-11

Query Match 68.7%; Score 217; DB 3; Length 294;
Best Local Similarity 100.0%; Pred. No. 6.7e-210;
Matches 217; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 100 LDSTLSEDTLPDSCRRMKQAFQAVOKELQHVGPQRTSGAPAMMEGSLDVAQKGP 159
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Db 78 LDSTLSEDTLPDSCRRMKQAFQAVOKELQHVGPQRTSGAPAMMEGSLDVAQKGP 137
QY 160 EAQFPAHLTINAAIPSGSHKVTLSNWSYHGRGAKISNMTLSNGKLRVNDGGFYLYANI 219
|||||
Db 138 EAQFPAHLTINAAIPSGSHKVTLSNWSYHGRGAKISNMTLSNGKLRVNDGGFYLYANI 197
QY 220 CFRHHETSGSVPTDYLOLMVYVVKTSIKIPSSHNLKMGSTKNWGNSEFHFYSINVGFF 279
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Db 198 CFRHHETSGSVPTDYLOLMVYVVKTSIKIPSSHNLKMGSTKNWGNSEFHFYSINVGFF 257
QY 280 FKLAGEEISIOVSNPSLLDPDQDATYFGAFKVQDID 316
|||||
Db 258 FKLAGEEISIOVSNPSLLDPDQDATYFGAFKVQDID 294

RESULT 5

US-08-995-659-11
; Sequence 11, Application US/08995659
; Patent No. 6242213
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; APPLICANT: Galibert, Laurent
; APPLICANT: Maraskovsky, Eugene
; TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/995,659
; FILING DATE: 22 DECEMBER 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 60/064,671
; FILING DATE: 14 OCTOBER 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/813,509
; FILING DATE: 07 MARCH 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2852-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 294 amino acids
; TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-995-659-11

Query Match 68.7%; Score 217; DB 4; Length 294;
Best Local Similarity 100.0%; Pred. No. 6.7e-210;
Matches 217; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 100 LQDSTLESDTLPDSCRRMKQAFQGAQVQKELQHVGPQFSGAPAMMEGSLDVAQRGKP 159
DB 78 LQDSTLESDTLPDSCRRMKQAFQGAQVQKELQHVGPQFSGAPAMMEGSLDVAQRGKP 137
QY 160 EAQPPFAHLTNAASIPSGSHKVTLSWYHVRGWAKISNMTLSNGKLRVNDGFFYYLYANI 219
DB 138 EAQPPFAHLTNAASIPSGSHKVTLSWYHVRGWAKISNMTLSNGKLRVNDGFFYYLYANI 197
QY 220 CFRHHETSGVPTDYQLQMLVYVVKTSIKIPSSHNLKMGSTKNNSGNSEFHFYSINVGGF 279
DB 198 CFRHHETSGVPTDYQLQMLVYVVKTSIKIPSSHNLKMGSTKNNSGNSEFHFYSINVGGF 257
QY 280 FKLAGEEISIQVSNPSLLDPDQDATYFGAFKVQDID 316
DB 258 FKLAGEEISIQVSNPSLLDPDQDATYFGAFKVQDID 294

RESULT 6
US-09-215-649A-11
Sequence 11, Application US/09215649A
Patent No. 6271349
GENERAL INFORMATION:
APPLICANT: Anderson, Dirk M.
Galibert, Laurent
Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESS: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/215,649A
FILING DATE: 17-Dec-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/996,139
FILING DATE: <Unknown>
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2851-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 294 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-215-649A-11

Query Match 68.7%; Score 217; DB 4; Length 294;
Best Local Similarity 100.0%; Pred. No. 6.7e-210;
Matches 217; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 100 LQDSTLESDTLPDSCRRMKQAFQGAQVQKELQHVGPQFSGAPAMMEGSLDVAQRGKP 159
DB 78 LQDSTLESDTLPDSCRRMKQAFQGAQVQKELQHVGPQFSGAPAMMEGSLDVAQRGKP 137
QY 160 EAQPPFAHLTNAASIPSGSHKVTLSWYHVRGWAKISNMTLSNGKLRVNDGFFYYLYANI 219
DB 138 EAQPPFAHLTNAASIPSGSHKVTLSWYHVRGWAKISNMTLSNGKLRVNDGFFYYLYANI 197
QY 220 CFRHHETSGVPTDYQLQMLVYVVKTSIKIPSSHNLKMGSTKNNSGNSEFHFYSINVGGF 279
DB 198 CFRHHETSGVPTDYQLQMLVYVVKTSIKIPSSHNLKMGSTKNNSGNSEFHFYSINVGGF 257
QY 280 FKLAGEEISIQVSNPSLLDPDQDATYFGAFKVQDID 316
DB 258 FKLAGEEISIQVSNPSLLDPDQDATYFGAFKVQDID 294

RESULT 7
US-09-052-521C-34
Sequence 34, Application US/09052521C
Patent No. 6316408
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
FILE REFERENCE: A-451Brv
CURRENT APPLICATION NUMBER: US/09/052,521C
CURRENT FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 08/880,855
PRIOR FILING DATE: 1997-06-23
PRIOR APPLICATION NUMBER: 08/842,842
PRIOR FILING DATE: 1997-04-16
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 34
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
US-09-052-521C-34

Query Match 8.5%; Score 27; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.1e-20;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 170 NAASIPSGSHKVTLSWYHVRGWAKIS 196
DB 1 NAASIPSGSHKVTLSWYHVRGWAKIS 27

RESULT 8
US-09-052-521C-33
Sequence 33, Application US/09052521C
Patent No. 6316408
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
FILE REFERENCE: A-451Brv
CURRENT APPLICATION NUMBER: US/09/052,521C
CURRENT FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 08/880,855
PRIOR FILING DATE: 1997-06-23
PRIOR APPLICATION NUMBER: 08/842,842
PRIOR FILING DATE: 1997-04-16

NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 33
LENGTH: 27
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Peptide
US-09-052-521C-33

Query Match 7.0%; Score 22; DB 4; Length 27;
Best Local Similarity 100.0%; Pred. No. 4.1e-15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPSGSHKVTLSWYHDRG 191
|||||
Db 1 NAASIPSGSHKVTLSWYHDRG 22

RE 9
US 996-139-13
Sequence 13, Application US/08996139
Patent No. 601729
GENERAL INFORMATION:
APPLICANT: Anderson, Dirk M.
APPLICANT: Galibert, Laurent
APPLICANT: Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,139
FILING DATE: 22 DECEMBER 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/064,671
FILING DATE: 14 OCTOBER 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2851-A
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 317 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-996-139-13

Query Match 7.0%; Score 22; DB 3; Length 317;

Best Local Similarity 100.0%; Pred. No. 4.3e-14;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 VNQDGFYLYANICFRHETSG 228
|||||
Db 208 VNQDGFYLYANICFRHETSG 229

RESULT 10
US-08-995-659-13
Sequence 13, Application US/08995659
Patent No. 6242213
GENERAL INFORMATION:
APPLICANT: Anderson, Dirk M.
APPLICANT: Galibert, Laurent
APPLICANT: Maraskovsky, Eugene
TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/995,659
FILING DATE: 22 DECEMBER 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/064,671
FILING DATE: 14 OCTOBER 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2852-A
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 317 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-995-659-13

Query Match 7.0%; Score 22; DB 4; Length 317;
Best Local Similarity 100.0%; Pred. No. 4.3e-14;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 VNQDGFYLYANICFRHETSG 228
|||||
Db 208 VNQDGFYLYANICFRHETSG 229

RESULT 11
US-09-215-649A-13

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; Sequence 13, Application US/09215649A
; Patent No. 6271349
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; Galibert, Laurent
; Maraskovsky, Eugene
; TITLE OF INVENTION: Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/215,649A
; FILING DATE: 17-Dec-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/996,139
; FILING DATE: <Unknown>
; APPLICATION NUMBER: USN 08/913,509
; FILING DATE: 07 MARCH 1997
; APPLICATION NUMBER: USN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2851-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 317 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-215-649A-13

; Query Match
; Best Local Similarity 100.0%; Pred. No. 4.3e-14; Length 317;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 VNQDGFYLYLANICFRHETSG 228
Db 208 VNQDGFYLYLANICFRHETSG 229

RESULT 12
US-09-052-521C-4
; Sequence 4, Application US/09052521C
; Patent No. 6316408
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
; FILE REFERENCE: A-451Brv
; CURRENT APPLICATION NUMBER: US/09/052,521C
; CURRENT FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 08/880,855
; PRIOR FILING DATE: 1997-06-23
; PRIOR APPLICATION NUMBER: 08/842,842
; PRIOR FILING DATE: 1997-04-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-052-521C-4
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; SEQ ID NO 4
; LENGTH: 317
; TYPE: PRT
; ORGANISM: Human
; US-09-052-521C-4

Query Match
; Best Local Similarity 100.0%; Pred. No. 4.3e-14; Length 317;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 VNQDGFYLYLANICFRHETSG 228
Db 208 VNQDGFYLYLANICFRHETSG 229

RESULT 13
US-09-052-521C-35
; Sequence 35, Application US/09052521C
; Patent No. 6316408
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
; FILE REFERENCE: A-451Brv
; CURRENT APPLICATION NUMBER: US/09/052,521C
; CURRENT FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 08/880,855
; PRIOR FILING DATE: 1997-06-23
; PRIOR APPLICATION NUMBER: 08/842,842
; PRIOR FILING DATE: 1997-04-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-052-521C-35

; Query Match
; Best Local Similarity 100.0%; Pred. No. 2.8e-10; Length 17;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 239 VYVVKTSIKIPSSHNLM 255
Db 1 VYVVKTSIKIPSSHNLM 17

RESULT 14
US-08-870-518-2
; Sequence 2, Application US/08870518
; Patent No. 5925566
; GENERAL INFORMATION:
; APPLICANT: Davis, Roger J.
; APPLICANT: Galcheva-Gargova, Zoya
; TITLE OF INVENTION: NON-ACTIVATED RECEPTOR COMPLEX
; TITLE OF INVENTION: PROTEINS AND USES THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/870,518
;; FILING DATE: 06-JUN-1997
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 60/019,219
;; FILING DATE: 06-JUN-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Fasse, Peter J.
;; REGISTRATION NUMBER: 32,983
;; REFERENCE/DOCKET NUMBER: 04020/102001
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617/542-5070
;; TELEFAX: 617/542-8906
;; TELEX: 200154
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 459 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; 870-518-2

Query Match 2.5%; Score 8; DB 2; Length 459;
Best Local Similarity 100.0%; Pred. No. 7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPPA 44
Db 20 PAPAPPPA 27

RESULT 15
US-08-804-227C-2
; Sequence 2, Application US/08804227C
; Patent No. 5876991
; GENERAL INFORMATION:
; APPLICANT: DeHoff, Bradley S.
; APPLICANT: Kuhstoss, Stuart A.
; APPLICANT: Rostock, Paul R., Jr.
; APPLICANT: Sutton, Kimberly L.
; TITLE OF INVENTION: POLYKETIDE SYNTHASE GENES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THOMAS G. PLANT 1501
; STREET: LILLY CORPORATE CENTER
; CITY: INDIANAPOLIS
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII(DOS) Text only
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/804,227C
; FILING DATE: February 21, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Plant, Thomas, G.
; REGISTRATION NUMBER: 35,784
; REFERENCE/DOCKET NUMBER: X-8231
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-2459
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4472 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-804-227C-2

Query Match 2.5%; Score 8; DB 2; Length 4472;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 PSAPAPAP 41
Db 4442 PSAPAPAP 4449

RESULT 16
US-08-997-080-4
; Sequence 4, Application US/08997080
; Patent No. 5968524
; GENERAL INFORMATION:
; APPLICANT: WATSON, JAMES D.
; APPLICANT: TAN, PAUL L.J.
; TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
; NUMBER OF SEQUENCES: 194
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: US/08/997,080
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-997-080-4

Query Match 2.2%; Score 7; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 17
US-08-997-362-4
; Sequence 4, Application US/08997362
; Patent No. 5985287
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth

APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970
FILING DATE: June 12, 1997
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347
FILING DATE: August 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-997-362-4

Query Match 2.2%; Score 7; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 37 PAPAPPP 43
Db 2 PAPAPPP 8
RESULT 18
US-08-873-970-4
Sequence 4, Application US/08873970
Patent No. 6001361
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiyama, Jun
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA

COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,970
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-873-970-4
Query Match 2.2%; Score 7; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 37 PAPAPPP 43
Db 2 PAPAPPP 8
RESULT 19
US-09-095-855-4
Sequence 4, Application US/09095855
Patent No. 6160093
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Compounds and Methods for
Treatment and Diagnosis of Mycobacterial Infections
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970


```

; FILING DATE: 12-JUN-1997
; APPLICATION NUMBER: 08/997,362
; FILING DATE: 23-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-095-855-4

; Match 2.2%; Score 7; DB 4; Length 21;
; Best Local Similarity 100.0%; Pred. No. 3.7;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 20
US-08-705-347A-4
; Sequence 4, Application US/08705347A
; Patent No. 6284255
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Speckman Picard PLLC
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,347A
; FILING DATE: 28-AUG-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206.269.0565
; TELEFAX: 206.269.0563
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-095-855-4

; Match 2.2%; Score 7; DB 4; Length 21;
; Best Local Similarity 100.0%; Pred. No. 3.7;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 20
US-08-705-347A-4
; Sequence 4, Application US/08705347A
; Patent No. 6284255
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Speckman Picard PLLC
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,347A
; FILING DATE: 28-AUG-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206.269.0565
; TELEFAX: 206.269.0563
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-095-855-4

; Match 2.2%; Score 7; DB 4; Length 21;
; Best Local Similarity 100.0%; Pred. No. 3.7;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 21
US-09-324-542-4
; Sequence 4, Application US/09324542
; Patent No. 6328978
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILE REFERENCE: 11000.1007c1
; CURRENT APPLICATION NUMBER: US/09/324,542
; CURRENT FILING DATE: 1999-06-02
; EARLIER APPLICATION NUMBER: US 08/997,080
; EARLIER FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Mycobacterium vaccae
US-09-324-542-4

; Match 2.2%; Score 7; DB 4; Length 21;
; Best Local Similarity 100.0%; Pred. No. 3.7;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 21
US-09-324-542-4
; Sequence 4, Application US/09324542
; Patent No. 6328978
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILE REFERENCE: 11000.1007c1
; CURRENT APPLICATION NUMBER: US/09/324,542
; CURRENT FILING DATE: 1999-06-02
; EARLIER APPLICATION NUMBER: US 08/997,080
; EARLIER FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Mycobacterium vaccae
US-09-324-542-4

; Match 2.2%; Score 7; DB 4; Length 21;
; Best Local Similarity 100.0%; Pred. No. 3.7;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 2 PAPAPPP 8

RESULT 22
US-08-640-847C-3
; Sequence 3, Application US/08640847C
; Patent No. 5993865
; GENERAL INFORMATION:
; APPLICANT: BECH, Lene M.
; APPLICANT: SORENSEN, Steen B.
; APPLICANT: VAAG, Pia
; APPLICANT: MULDBJERG, Marianne
; APPLICANT: BEENFELDT, Thorkild
; APPLICANT: LEAH, Robert
; APPLICANT: BREDDAM, Klaus
; TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LADAS & PARRY
; STREET: 26 WEST 61 STREET
; CITY: NEW YORK
; STATE: NY
; ZIP: 10023
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3-1/4" Disk 1.44 MB
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
; SOFTWARE: Wordperfect 8 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,847C
```

;; FILING DATE: 26-JUN-1996
;; CLASSIFICATION: 426
;; PRIOR APPLICATION DATA: PCT/DK94/00420
;; APPLICATION NUMBER: 30,086
;; FILING DATE: 08-NOV-1994
;; APPLICATION NUMBER: DK001266/93
;; FILING DATE: 08-NOV-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MASS, Clifford J.
;; REGISTRATION NUMBER: 30,086
;; REFERENCE/DOCKET NUMBER: U-010781-0
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 708-1890
;; TELEFAX: (212) 246-8959
;; TELEX: 233288
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 41 Amino Acids
;; TYPE: Amino Acids
;; TOPOLOGY: Linear
;; 08-640-847C-3

Query Match 2.2%; Score 7; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
Db 15 NAASIPS 21

RESULT 23
US-08-640-847C-9
; Sequence 9, Application US/08640847C
; Patent No. 5993865
; GENERAL INFORMATION:
; APPLICANT: BECH, Lene M.
; APPLICANT: SORENSEN, Steen B.
; APPLICANT: VAAG, Pia
; APPLICANT: MULDBJERG, Marianne
; APPLICANT: BEENFELDT, Thorkild
; APPLICANT: LEAH, Robert
; APPLICANT: BREDDAM, Klaus
; TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LADAS & PARRY
; STREET: 26 WEST 61 STREET
; CITY: NEW YORK
; STATE: NY
; ZIP: 10023
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3-1/4" Disk 1.44 MB
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
; SOFTWARE: WordPerfect 8 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,847C
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 426
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/DK94/00420
; FILING DATE: 08-NOV-1994
; APPLICATION NUMBER: DK001266/93
; FILING DATE: 08-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: MASS, Clifford J.
; REGISTRATION NUMBER: 30,086
; REFERENCE/DOCKET NUMBER: U-010781-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 708-1890

;; TELEFAX: (212) 246-8959
;; TELEX: 233288
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 41 Amino Acids
;; TYPE: Amino Acids
;; TOPOLOGY: Linear
;; US-08-640-847C-9

Query Match 2.2%; Score 7; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
Db 15 NAASIPS 21

RESULT 24
US-08-640-847C-12
; Sequence 12, Application US/08640847C
; Patent No. 5993865
; GENERAL INFORMATION:
; APPLICANT: BECH, Lene M.
; APPLICANT: SORENSEN, Steen B.
; APPLICANT: VAAG, Pia
; APPLICANT: MULDBJERG, Marianne
; APPLICANT: BEENFELDT, Thorkild
; APPLICANT: LEAH, Robert
; APPLICANT: BREDDAM, Klaus
; TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LADAS & PARRY
; STREET: 26 WEST 61 STREET
; CITY: NEW YORK
; STATE: NY
; ZIP: 10023
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3-1/4" Disk 1.44 MB
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
; SOFTWARE: WordPerfect 8 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,847C
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 426
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/DK94/00420
; FILING DATE: 08-NOV-1994
; APPLICATION NUMBER: DK001266/93
; FILING DATE: 08-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: MASS, Clifford J.
; REGISTRATION NUMBER: 30,086
; REFERENCE/DOCKET NUMBER: U-010781-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 708-1890
; TELEFAX: (212) 246-8959
; TELEX: 233288
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 Amino Acids
; TYPE: Amino Acids
; TOPOLOGY: Linear
;; US-08-640-847C-12

Query Match 2.2%; Score 7; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
Db 15 NAASIPS 21

RESULT 25

US-08-284-391B-35
; Sequence 35, Application US/08284391B
; Patent No. 5851828
; GENERAL INFORMATION:
; APPLICANT: Seed, Brian
; APPLICANT: Banapour, Babak
; APPLICANT: Romeo, Charles
; APPLICANT: Kolanus, Waldemar
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
; TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/284,391B
; FILING DATE: 02-AUG-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/195,395
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: 06-MAR-1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elbing, Karen L.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/247001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-0200
; TELEFAX: 617-428-7045
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 58 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-284-391B-35

Query Match 2.2%; Score 7; DB 2; Length 58;
Best Local Similarity 100.0%; Pred. No. 9.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 LLGLGLG 59
Db 43 LLGLGLG 49

RESULT 26

US-09-218-950-35
; Sequence 35, Application US/09218950
; Patent No. 6284240
; GENERAL INFORMATION:

; APPLICANT: Seed, Brian
; APPLICANT: Banapour, Babak
; APPLICANT: Romeo, Charles
; APPLICANT: Kolanus, Waldemar
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
; TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/218,950
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/284,391
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: 08/195,395
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: 06-MAR-1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elbing, Karen L.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/247001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-0200
; TELEFAX: 617-428-7045
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 58 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-218-950-35

Query Match 2.2%; Score 7; DB 4; Length 58;
Best Local Similarity 100.0%; Pred. No. 9.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 LLGLGLG 59
Db 43 LLGLGLG 49

RESULT 27

US-08-591-498-10
; Sequence 10, Application US/08591498
; Patent No. 5773694
; GENERAL INFORMATION:
; APPLICANT: BROEKERT, WILLEM F.
; APPLICANT: CAMMUE, BRUNO P.A.
; APPLICANT: REES, SARAH B.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
; ADDRESSEE: Intellectual Property Group of
; ADDRESSEE: PILLSBURY MADISON & SUTRO LLP

STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,498
FILING DATE: 25-JAN-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB94/01636
FILING DATE: 29-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9317816.8
FILING DATE: 27-AUG-1993
APPLICATION NUMBER: GB 9316158.6
FILING DATE: 04-AUG-1993
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE: FAPI
ORGANISM: FAPI
US-08-591-498-10

Query Match 2.2%; Score 7; DB 1; Length 93;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
Db 67 NAASIPS 73

RESULT 28
US-08-591-498-14
Sequence 14, Application US/08591498
Patent No. 5773694
GENERAL INFORMATION:
APPLICANT: BROEKAERT, WILLEM F.
APPLICANT: CAMMUE, BRUNO P.A.
APPLICANT: REES, SARAH B.
TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
ADDRESSEE: Intellectual Property Group of
ADDRESSEE: PILLSBURY MADISON & SUTRO LLP
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,498
FILING DATE: 25-JAN-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB94/01636
FILING DATE: 29-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9317816.8
FILING DATE: 27-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9316158.6
FILING DATE: 04-AUG-1993
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE: Zm-nsLTP
ORGANISM: Zm-nsLTP
US-08-591-498-14

Query Match 2.2%; Score 7; DB 1; Length 93;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
Db 67 NAASIPS 73

RESULT 29
US-08-702-609A-4
Sequence 4, Application US/08702609A
Patent No. 6031152
GENERAL INFORMATION:
APPLICANT: Olsen, Odd-Arne
APPLICANT: Kallia, Roger
APPLICANT: Linnestad, Casper
TITLE OF INVENTION: Promoter from a Lipid
TITLE OF INVENTION: Transfer Protein Gene
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Plant Molecular Biology Laboratory,
ADDRESSEE: Department of Biotechnical Sciences, Agricultural
ADDRESSEE: University of No. 6031152way and Agricultural Biotechnology
ADDRESSEE: Program NRC
COUNTRY: No. 6031152way
ZIP: N-1432
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" 1.44 Mb diskette
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 98
SOFTWARE: Word Processing
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,609A
FILING DATE: 20-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT\NO95\00042
FILING DATE: 23.02.95
ATTORNEY/AGENT INFORMATION:
NAME: Thaddius J. Carvis
REGISTRATION NUMBER: 26110
REFERENCE/DOCKET NUMBER: 833-P0016A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203-324-6155
TELEFAX: 203-327-1096
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 117 residues
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE:

ORIGINAL SOURCE:
ORGANISM: Barley
PUBLICATION INFORMATION:
AUTHORS: Linnestad, Casper
AUTHORS: Lonneborg, Anders
AUTHORS: Kalla, Roger
AUTHORS: Olsen, Odd-Arne
TITLE: Promoter of a Lipid Transfer Protein Gene
TITLE: Expressed in Barley Aleurone Cells Contains
TITLE: Similar myb and myc Recognition Sites as the Maize
TITLE: Bz-McC Allele
JOURNAL: Plant Physiol.
VOLUME: 97
PAGES: 842
DATE: 17.06.91
US-08-702-609A-4

Query Match 2.2%; Score 7; DB 3; Length 117;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
|||||
Db 91 NAASIPS 97

RESULT 30
US-08-702-609A-6
Sequence 6, Application US/08702609A
Patent No. 6031152
GENERAL INFORMATION:
APPLICANT: Olsen, Odd-Arne
APPLICANT: Kalla, Roger
APPLICANT: Linnestad, Casper
TITLE OF INVENTION: Promoter from a Lipid
TITLE OF INVENTION: Transfer Protein Gene
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Plant Molecular Biology Laboratory,
ADDRESSEE: Department of Biotechnical Sciences, Agricultural
ADDRESSEE: University of No. 6031152way and Agricultural Biotechnology
ADDRESSEE: Program NRC
COUNTRY: NO. 6031152way
ZIP: N-1432
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" 1.44 Mb diskette
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 98
SOFTWARE: Word Processing
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,609A
FILING DATE: 20-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NO95/00042
FILING DATE: 23.02.95
ATTORNEY/AGENT INFORMATION:
NAME: Thaddius J. Carvis
REGISTRATION NUMBER: 26110
REFERENCE/DOCKET NUMBER: 833-P0016A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203-324-6155
TELEFAX: 203-327-1096
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 117 residues
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE:
ORIGINAL SOURCE:

ORGANISM: Barley
PUBLICATION INFORMATION:
AUTHORS: Skriver, Karen
AUTHORS: Leah, Robert
AUTHORS: Muller-Urli, Frieder
AUTHORS: Olsen, Finn-Lok
AUTHORS: Mundy, John
TITLE: Structure and Expression of the Barley Lipid Transfer Protein Promoter
JOURNAL: Plant Molecular Biology
VOLUME: 18
PAGES: 587
DATE: 16.09.91
US-08-702-609A-6

Query Match 2.2%; Score 7; DB 3; Length 117;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 NAASIPS 176
|||||
Db 91 NAASIPS 97

RESULT 31
US-08-799-149C-3
Sequence 3, Application US/08799149C
Patent No. 6008195
GENERAL INFORMATION:
APPLICANT: Michael E. Selsted
TITLE OF INVENTION: Antimicrobial Peptides and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/799,149C
FILING DATE: 14-February-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011,834
FILING DATE: 16-February-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lisa A. Haile, Ph.D.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07306/009001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 39..598
US-08-799-149C-3

Query Match 2.2%; Score 7; DB 3; Length 190;
Best Local Similarity 100.0%; Pred. No. 31;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 51 LALLGLG 57
|||||||
Db 13 LALLGLG 19

RESULT 32

US-09-199-637A-211
; Sequence 211, Application US/09199637A
; Patent No. 6355411
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick
; APPLICANT: Goodman, Howard M.
; APPLICANT: Rahme, Laurence G.
; APPLICANT: Mahajan-Miklos, Shalina
; APPLICANT: Tan, Man-Wah
; APPLICANT: Cao, Hui
; APPLICANT: Drenkard, Eliana
; APPLICANT: Tsongalis, John
; TITLE OF INVENTION: VIRULENCE-ASSOCIATED NUCLEIC ACID
; FILE REFERENCE: 00786/361002
; CURRENT APPLICATION NUMBER: US/09/199,637A
; CURRENT FILING DATE: 1998-11-25
; PRIOR APPLICATION NUMBER: 60/066,517
; PRIOR FILING DATE: 1997-11-25
; NUMBER OF SEQ ID NOS: 437
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 211
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-199-637A-211

Query Match 2.2%; Score 7; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 33 APSAPAP 39
|||||||
Db 89 APSAPAP 95

RESULT 33

US-09-171-461-11
; Sequence 11, Application US/09171461
; Patent No. 6335016
; GENERAL INFORMATION:
; APPLICANT: Baker, Adam
; APPLICANT: Cotten, Matthew
; APPLICANT: Chiocca, Susanna
; APPLICANT: Kurzbauer, Robert
; APPLICANT: Schaffner, Gotthold
; TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
; FILE REFERENCE: 0652.1800000
; CURRENT APPLICATION NUMBER: US/09/171,461
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: PCT/EP97/01944
; EARLIER FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 223
; TYPE: PRT
; ORGANISM: CELO Virus
; FEATURE:
; OTHER INFORMATION: Position: 17559..18230 /gene: L3 /product: L3 pVI
US-09-171-461-11

Query Match 2.2%; Score 7; DB 4; Length 223;

Best Local Similarity 100.0%; Pred. No. 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 APAPAPP 42
|||||||
Db 143 APAPAPP 149

RESULT 34

US-08-420-235B-47
; Sequence 47, Application US/08420235B
; Patent No. 5801042
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
; TITLE OF INVENTION: SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/420,235B
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 45185-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-420-235B-47

Query Match 2.2%; Score 7; DB 1; Length 301;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 GLGLGQV 61
|||||||
Db 42 GLGLGQV 48

RESULT 35

US-08-343-101A-22
; Sequence 22, Application US/08343101A
; Patent No. 5830759
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma
; TITLE OF INVENTION: Virus Sequences And Uses Thereof
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York

```
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/343,101A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White Esq., John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 45185-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-343-101A-22

Query Match 2.2% Score 7; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 GLGLGQV 61
Db 42 GLGLGQV 48

RESULT 36
US-09-183-688-22
; Sequence 22, Application US/09183688
; Patent No. 6093550
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma
; TITLE OF INVENTION: Virus Sequences And Uses Thereof
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/183,688
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/343,101
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: White Esq., John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 45185-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526

; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/343,101A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White Esq., John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 45185-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526

; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-343-101A-22

Query Match 2.2% Score 7; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 GLGLGQV 61
Db 42 GLGLGQV 48

RESULT 37
US-08-793-624-47
; Sequence 47, Application US/08793624C
; Patent No. 6150093
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma Virus Sequences And
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 45185-C-PCT-US/JpW
; CURRENT APPLICATION NUMBER: US/08/793,624C
; CURRENT FILING DATE: 1997-02-18
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Epstein Barr Virus
; US-08-793-624-47

Query Match 2.2% Score 7; DB 4; Length 301;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 GLGLGQV 61
Db 42 GLGLGQV 48

RESULT 38
US-08-861-464-12
; Sequence 12, Application US/08861464
; Patent No. 5874210
; GENERAL INFORMATION:
; APPLICANT: Guarente, Leonard P.
; APPLICANT: Austriaco Jr., Nicanor
; APPLICANT: Kennedy, Brian
; TITLE OF INVENTION: Genes Determining Cellular Senescence
; TITLE OF INVENTION: in Yeast
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/861,464
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;; FILING DATE: 22-MAY-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/396,001
;; FILING DATE: 28-FEB-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/09351
;; FILING DATE: 15-AUG-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/107,408
;; FILING DATE: 16-AUG-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Granahan, Patricia
;; REGISTRATION NUMBER: 32,227
;; REFERENCE/DOCKET NUMBER: MIT-6408A2Z
;; TELEPHONE: 781-861-6240
;; TELEFAX: 781-861-9540
;; INFORMATION FOR SEQ ID NO: 12:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 337 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-861-464-12

Query Match 2.2%; Score 7; DB 2; Length 337;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 SAPAPAP 41
Db 18 SAPAPAP 24

RESULT 39
US-08-396-001-12
; Sequence 12, Application US/08396001
; Patent No. 5919618
; GENERAL INFORMATION:
; APPLICANT: Guarente, Leonard P.
; APPLICANT: Austriaco Jr., Nicanor
; APPLICANT: Claus, James
; APPLICANT: Cole, Francesca
; APPLICANT: Kennedy, Brian
; TITLE OF INVENTION: Genes Determining Cellular Senescence in
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/396,001
; FILING DATE: 28-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-6408A2
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 12:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 337 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-396-001-12

Query Match 2.2%; Score 7; DB 2; Length 337;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 SAPAPAP 41
Db 18 SAPAPAP 24

RESULT 40
US-09-323-433A-12
; Sequence 12, Application US/09323433A
; Patent No. 6218512
; GENERAL INFORMATION:
; APPLICANT: Guarente, Leonard P.
; APPLICANT: Austriaco Jr., Nicanor
; APPLICANT: Claus, James J.
; APPLICANT: Cole, Francesca
; APPLICANT: Kennedy, Brian
; TITLE OF INVENTION: GENES DETERMINING CELLULAR SENESCENCE IN
; FILE REFERENCE: 0050.1491-003
; CURRENT APPLICATION NUMBER: US/09/323,433A
; PRIOR FILING DATE: 1999-06-01
; PRIOR APPLICATION NUMBER: US 08/396,001
; PRIOR FILING DATE: 1995-02-28
; PRIOR APPLICATION NUMBER: PCT/US94/09351
; PRIOR FILING DATE: 1994-08-15
; PRIOR APPLICATION NUMBER: US 08/107,408
; PRIOR FILING DATE: 1993-08-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 337
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-323-433A-12

Query Match 2.2%; Score 7; DB 4; Length 337;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 SAPAPAP 41
Db 18 SAPAPAP 24

RESULT 41
US-09-142-551A-4
; Sequence 4, Application US/09142551A
; Patent No. 6218136
; GENERAL INFORMATION:
; APPLICANT: KUMAR, SANJAY
; APPLICANT: LIVI, GEORGE P.
; APPLICANT: MCLAUGHLIN, MEGAN M.
; APPLICANT: YOUNG, PETER R.
; TITLE OF INVENTION: METHODS OF THE IDENTIFICATION OF
; TITLE OF INVENTION: PHARMACEUTICALLY ACTIVE COMPOUNDS
; FILE REFERENCE: P50448
; CURRENT APPLICATION NUMBER: US/09/142,551A
; CURRENT FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: PCT/US97/04256
; PRIOR FILING DATE: 1997-03-12
; PRIOR APPLICATION NUMBER: US 60/013,286

;; PRIOR FILING DATE: 1996-03-12
;; NUMBER OF SEQ ID NOS: 4
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 4
;; LENGTH: 370
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-142-551A-4

Query Match 2.2%; Score 7; DB 4; Length 370;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 37 PAPAPPP 43
Db 15 PAPAPPP 21

RESULT 42
US-09-142-551A-3
;; Sequence 3, Application US/08872979
;; Patent No. 6074844
;; GENERAL INFORMATION:
;; APPLICANT: Hillman, Jennifer L.
;; APPLICANT: Lal, Preeti
;; APPLICANT: Corley, Neil C.
;; TITLE OF INVENTION: TWO NEW HUMAN MEMBRANE FUSION PROTEINS
;; NUMBER OF SEQUENCES: 8
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Incyte Pharmaceuticals, Inc.
;; STREET: 3174 Porter Drive
;; CITY: Palo Alto
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94304
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq for Windows Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/872,979
;; FILING DATE: Herewith
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Billings, Lucy J.
;; REGISTRATION NUMBER: 36,749
;; REFERENCE/DOCKET NUMBER: PF-0320 US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-855-0555
;; TELEFAX: 415-845-4166
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 375 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; IMMEDIATE SOURCE:
;; LIBRARY: LUNGN0T12
;; CLONE: 1003941
US-08-872-979-3

Query Match 2.2%; Score 7; DB 3; Length 375;
Best Local Similarity 100.0%; Pred. No. 59;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 34 PSAPAPA 40

Db 8 PSAPAPA 14

RESULT 43
US-09-142-551A-3
;; Sequence 3, Application US/09142551A
;; Patent No. 6218136
;; GENERAL INFORMATION:
;; APPLICANT: KUMAR, SANJAY
;; APPLICANT: LIVI, GEORGE P.
;; APPLICANT: MCLAUGHLIN, MEGAN M.
;; APPLICANT: YOUNG, PETER R.
;; TITLE OF INVENTION: METHODS OF THE IDENTIFICATION OF
;; FILE REFERENCE: P50448
;; CURRENT APPLICATION NUMBER: US/09/142,551A
;; CURRENT FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: PCT/US97/04256
;; PRIOR FILING DATE: 1997-03-12
;; PRIOR APPLICATION NUMBER: US 60/013,286
;; PRIOR FILING DATE: 1996-03-12
;; NUMBER OF SEQ ID NOS: 4
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 3
;; LENGTH: 396
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-142-551A-3

Query Match 2.2%; Score 7; DB 4; Length 396;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 37 PAPAPPP 43
Db 11 PAPAPPP 17

RESULT 44
US-08-485-938A-34
;; Sequence 34, Application US/08485938A
;; Patent No. 5847088
;; GENERAL INFORMATION:
;; APPLICANT: Cousens, Lawrence S.
;; APPLICANT: Eberhardt, Christine D.
;; APPLICANT: Gray, Patrick W.
;; APPLICANT: Le Trong, Hai
;; APPLICANT: Tjoelker, Larry W.
;; APPLICANT: Wilder, Cheryl L.
;; TITLE OF INVENTION: Platelet-Activating Factor
;; NUMBER OF SEQUENCES: 36
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
;; STREET: 6300 Sears Tower, 233 South Wacker Drive
;; CITY: Chicago
;; STATE: Illinois
;; COUNTRY: United States of America
;; ZIP: 60606-6402
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/485,938A
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/318,905
;; FILING DATE: 06-OCT-1994

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/133,803
;; FILING DATE: 06-OCT-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: No. 5847088and, Greta E.
;; REGISTRATION NUMBER: 35,302
;; REFERENCE/DOCKET NUMBER: 27866/32792
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (312) 474-6300
;; TELEFAX: (312) 474-0448
;; TELEX: 25-3658
;; INFORMATION FOR SEQ ID NO: 34:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 422 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-485-938A-34

Query Match 2.2%; Score 7; DB 2; Length 422;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 KLRAGEE 287
Db 200 KLRAGEE 206

RESULT 45
US-08-390-000A-7
; Sequence 7, Application US/083900000A
; Patent No. 5985583
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart C.
; TITLE OF INVENTION: Cloning and Expression of
; TITLE OF INVENTION: Gonadotropin-Releasing Hormone Receptor
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,000A
; FILING DATE: 17-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6923-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 468 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-390-000A-7

Query Match 2.2%; Score 7; DB 2; Length 468;
Best Local Similarity 100.0%; Pred. No. 72;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 37 PAPAPPP 43
Db 272 PAPAPPP 278

RESULT 46
US-08-194-338-6
; Sequence 6, Application US/08194338
; Patent No. 5474898
; GENERAL INFORMATION:
; APPLICANT: Venter, John C.
; APPLICANT: Fraser, Claire M.
; APPLICANT: McCombie, William R.
; TITLE OF INVENTION: OCTOPAMINE RECEPTOR
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/194,338
; FILING DATE: 08-FEB-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,174
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelsen, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH101.001DV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
US-08-194-338-6

Query Match 2.2%; Score 7; DB 1; Length 472;
Best Local Similarity 100.0%; Pred. No. 73;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 37 PAPAPPP 43
Db 275 PAPAPPP 281

RESULT 47
US-08-444-734A-4
; Sequence 4, Application US/08444734A
; Patent No. 5610282
; GENERAL INFORMATION:
; APPLICANT: Sibley, David R.
; APPLICANT: Monsma, Frederick J.
; APPLICANT: Mahan, Lawrence C.

APPLICANT: McVittie, Loris D.
TITLE OF INVENTION: cDNA encoding the rat D1 dopamine
receptor linked to adenylyl cyclase activation and
expression of the receptor protein in plasmid-transfected
cell lines
TITLE OF INVENTION: cell lines
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobber, Martens, Olson and Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,734A
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/029,917
FILING DATE: 03-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/548,714
FILING DATE: 06-JUL-1990
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: NIH065.001FWI
TELEPHONE: (714) 760-0404
TELEFAX: (714) 760-9502
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 477 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
US-08-444-734A-4

Query Match 2.2%; Score 7; DB 1; Length 477;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 281 PAPAPPP 287

RESULT 48
US-08-087-772A-16
Sequence 16, Application US/08087772A
Patent No. 5691155
GENERAL INFORMATION:
APPLICANT: Nahmias, Clara
APPLICANT: Emorine, Jean L.
APPLICANT: Strosberg, Donny A.
TITLE OF INVENTION: Nucleotide Sequences Encoding the Murine
Beta3-Adrenergic Receptor and Their Applications
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Seltzer, Park & Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5691155th Carolina

COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/087,772A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Linker, Raymond O.
REGISTRATION NUMBER: 26,419
REFERENCE/DOCKET NUMBER: 3339-195
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 477 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-087-772A-16

Query Match 2.2%; Score 7; DB 1; Length 477;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 PAPAPPP 43
Db 281 PAPAPPP 287

RESULT 49
US-09-111-085-2
Sequence 2, Application US/09111085
Patent No. 6100034
GENERAL INFORMATION:
APPLICANT: Stoye, Jonathan P
APPLICANT: Weiss, Robin A
TITLE OF INVENTION: Detection of retroviral subtypes based upon envelope
specific sequences
FILE REFERENCE: 4238/75168
CURRENT APPLICATION NUMBER: US/09/111,085
CURRENT FILING DATE: 1998-07-07
EARLIER APPLICATION NUMBER: GB 9710154.7
EARLIER FILING DATE: 1997-05-16
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 660
TYPE: PRT
ORGANISM: Porcine retrovirus
US-09-111-085-2

Query Match 2.2%; Score 7; DB 3; Length 660;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 226 TGSVPT 232
Db 286 TGSVPT 292

RESULT 50
US-09-376-781-5
Sequence 5, Application US/09376781
Patent No. 6261806

```

; GENERAL INFORMATION:
; APPLICANT: Banerjee, Rapia T.
; APPLICANT: Patience, Clive
; APPLICANT: Andersson, Goran K.
; TITLE OF INVENTION: Molecular Sequence of Swine Retrovirus and Methods of
; Patent No. 6261806
; TITLE OF INVENTION: Use
; FILE REFERENCE: 61750-267
; CURRENT APPLICATION NUMBER: US/09/376,781
; CURRENT FILING DATE: 1999-08-18
; EARLIER APPLICATION NUMBER: 60/097,015
; EARLIER FILING DATE: 1998-08-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PERV-A
; OTHER INFORMATION: polypeptide sequence taken from GenBank Accession
; OTHER INFORMATION: No. 6261806 Y12238 for comparison.
US-09-376-781-5

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Query Match      2.2%; Score 7; DB 4; Length 660;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Oy 226 TSGSVPT 232
Db 286 TSGSVPT 292

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Search completed: September 30, 2002, 16:09:08
Job time: 176 sec

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QY	1	MR	RR	SR	DY	GK	YL	KS	SE	MG	SG	VP	HE	GP	LH	PA	SA	PA	PP	PA	AS	KS	MF	LA	LL	GL	GL	60		
Db	1	MR	RR	SR	DY	GK	YL	KS	SE	MG	SG	VP	HE	GP	LH	PA	SA	PA	PP	PA	AS	KS	MF	LA	LL	GL	GL	60		
QY	61	VC	SI	AL	FL	YR	QA	QD	PN	R	SE	D	ST	H	CF	YR	IL	RH	NA	GL	QD	ST	LE	SE	DT	LP	DC	RR	MM	120
Db	61	VC	SI	AL	FL	YR	QA	QD	PN	R	SE	D	ST	H	CF	YR	IL	RH	NA	GL	QD	ST	LE	SE	DT	LP	DC	RR	MM	120
QY	121	AF	OG	AV	QK	EL	QH	TV	GP	QF	SG	PA	MM	EG	SW	LD	VA	QK	PE	QA	PF	AH	LT	IN	AA	SI	PS	GS	HK	180

QY IZI AFQGA VQRELQHI VGPQRFSGAPAMMEG SWLDVAQRGKPEAQPF AHLTINAASIPSGSHK 18

; GENERAL INFORMATION:

QY IZI AFQGA VQRELQHI VGPQRFSGAPAMMEG SWLDVAQRGKPEAQPF AHLTINAASIPSGSHK 18

APPLICANT: Anderson, Dirk M.
APPLICANT: Galibert, Laurent
APPLICANT: Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,139
FILING DATE: 22 DECEMBER 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/064,671
FILING DATE: 14 OCTOBER 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2851-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 294 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-996-139-11

Query Match 92.8%; Score 1554; DB 3; Length 294;
Best Local Similarity 99.7%; Pred. No. 2.3e-145;
Matches 293; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Q 23 GVPHEGLHPAPSAPAPPPAASRSMLALLGLGQVVCSTIALFLYFRAQMDPNRISE 82
Db 1 GVPHEGLHPAPSAPAPPPAASRSMLALLGLGQVVCSTIALFLYFRAQMDPNRISE 60
QY 83 DSTHCFYRILRHENAGLDSTLESDTLPDSCRRMKQAFQAVQKELQHVGPQRFSGA 142
Db 61 DSTHCFYRILRHENADLQDSTLESDTLPDSCRRMKQAFQAVQKELQHVGPQRFSGA 120
QY 143 PAMMEGSLDVAQRKPEAQPFAHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSN 202
Db 121 PAMMEGSLDVAQRKPEAQPFAHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSN 180
QY 203 GKLRVNDGFFYYLYANICFRHHETSGSVPTDYQLQLMVYVVKTSIKIPSSHNLMKGGSTKN 262
Db 181 GKLRVNDGFFYYLYANICFRHHETSGSVPTDYQLQLMVYVVKTSIKIPSSHNLMKGGSTKN 240
QY 263 WSGNSEFFHYISINVGGFFKLRAGEEISIQVSNPDLDPQDATYFGAFKVQDID 316
Db 241 WSGNSEFFHYISINVGGFFKLRAGEEISIQVSNPDLDPQDATYFGAFKVQDID 294

RESULT 5

US-08-995-659-11

Sequence 11, Application US/08995659
Patent No. 6242213
GENERAL INFORMATION:
APPLICANT: Anderson, Dirk M.
APPLICANT: Galibert, Laurent
APPLICANT: Maraskovsky, Eugene
TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/995,659
FILING DATE: 22 DECEMBER 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 60/064,671
FILING DATE: 14 OCTOBER 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2852-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 294 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-995-659-11

Query Match 92.8%; Score 1554; DB 4; Length 294;
Best Local Similarity 99.7%; Pred. No. 2.3e-145;
Matches 293; Conservative 0; Mismatches 1; Indels 10; Gaps 0;
QY 23 GVPHEGLHPAPSAPAPPPAASRSMLALLGLGQVVCSTIALFLYFRAQMDPNRISE 82
Db 1 GVPHEGLHPAPSAPAPPPAASRSMLALLGLGQVVCSTIALFLYFRAQMDPNRISE 60
QY 83 DSTHCFYRILRHENAGLDSTLESDTLPDSCRRMKQAFQAVQKELQHVGPQRFSGA 142
Db 61 DSTHCFYRILRHENADLQDSTLESDTLPDSCRRMKQAFQAVQKELQHVGPQRFSGA 120
QY 143 PAMMEGSLDVAQRKPEAQPFAHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSN 202
Db 121 PAMMEGSLDVAQRKPEAQPFAHLTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSN 180
QY 203 GKLRVNDGFFYYLYANICFRHHETSGSVPTDYQLQLMVYVVKTSIKIPSSHNLMKGGSTKN 262
Db 181 GKLRVNDGFFYYLYANICFRHHETSGSVPTDYQLQLMVYVVKTSIKIPSSHNLMKGGSTKN 240
QY 263 WSGNSEFFHYISINVGGFFKLRAGEEISIQVSNPDLDPQDATYFGAFKVQDID 316

Db 241 WSGNSEHFYSINVGFFKLRAGEEISIQVSNPSLLDPDQDQATYFGAFKVDID 294
|||||
RESULT 6
US-09-215-649A-11
; Sequence 11, Application US/09215649A
; Patent No. 6271349
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; Galibert, Laurent
; Maraskovsky, Eugene
; TITLE OF INVENTION: Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; City: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; FILING DATE: 17-Dec-1998
; APPLICATION NUMBER: US/09/215,649A
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/996,139
; FILING DATE: <Unknown>
; APPLICATION NUMBER: USN 08/813,509
; FILING DATE: 07 MARCH 1997
; APPLICATION NUMBER: USN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2851-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 294 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-215-649A-11

Query Match 92.8%; Score 1554; DB 4; Length 294;
Best Local Similarity 99.7%; Pred. No. 2.3e-145;
Matches 293; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 23 GVPHEGLHPAPAPAPPPAASRSMTALLGLGQVVCSTALFLYFRAQMDPNRISE 82
Db 1 GVPHEGLHPAPAPAPPPAASRSMTALLGLGQVVCSTALFLYFRAQMDPNRISE 60
Qy 83 DSTHCFYRILRLHENAGLDQSTLESDTLPDSCRRMKQAFQGVKELQHLVGPQRSGA 142
Db 61 DSTHCFYRILRLHENADQSTLESDTLPDSCRRMKQAFQGVKELQHLVGPQRSGA 120
Qy 143 PAMMEGSLDVAQGRKPEAQPFAHLTINAASIPSGSHKVTLSNHYDRGWAKISNMTLSN 202
Db 121 PAMMEGSLDVAQGRKPEAQPFAHLTINAASIPSGSHKVTLSNHYDRGWAKISNMTLSN 180
Qy 203 GKLRVNDQGFYILYANICFRHHETSSVPTDYQLMYYVVKTSIKIPSSNLMKGGSTKN 262
Db 181 GKLRVNDQGFYILYANICFRHHETSSVPTDYQLMYYVVKTSIKIPSSNLMKGGSTKN 240

Qy 263 WSGNSEHFYSINVGFFKLRAGEEISIQVSNPSLLDPDQDQATYFGAFKVDID 316
Db 241 WSGNSEHFYSINVGFFKLRAGEEISIQVSNPSLLDPDQDQATYFGAFKVDID 294
RESULT 7
US-08-996-139-13
; Sequence 13, Application US/08996139
; Patent No. 6017729
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M.
; Galibert, Laurent
; Maraskovsky, Eugene
; TITLE OF INVENTION: Receptor Activator of NF-kappaB
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation, Law Department
; STREET: 51 University Street
; City: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,139
; FILING DATE: 22 DECEMBER 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 60/064,671
; FILING DATE: 14 OCTOBER 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 08/813,509
; FILING DATE: 07 MARCH 1997
; APPLICATION NUMBER: USN 08/772,330
; FILING DATE: 23 DECEMBER 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,693
; REFERENCE/DOCKET NUMBER: 2851-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)233-0644
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 317 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-996-139-13

Query Match 84.6%; Score 1417.5; DB 3; Length 317;
Best Local Similarity 84.3%; Pred. No. 7.4e-132;
Matches 266; Conservative 16; Mismatches 31; Indels 3; Gaps 2;
Qy 1 MRRASRDYKYLRSSEMGSGVPEHGLHPAPAPPPAASRSMTALLGLGLGQ 60
Db 1 MRRASRDYKYLRSSEMGSGVPEHGLHPAPAPPPAASRSMTALLGLGLGQ 59
Qy 61 VVCSTALFLYFRAQMDPNRISEDTSTHCFYRILRLHENAGLDQSTLESDT--LPDSCRRM 118
Db 60 VVCSTALFLYFRAQMDPNRISEDTSTHCFYRILRLHENAGLDQSTLESDT--LPDSCRRM 119
Qy 119 KQATQGVKELQHLVGPQRSGAPAMMEGSLDVAQGRKPEAQPFAHLTINAASIPSGS 178
Db 120 KQATQGVKELQHLVGPQRSGAPAMMEGSLDVAQGRKPEAQPFAHLTINAASIPSGS 179


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Db      240  VYTKTSIKIPSSHTLMKGGSTKYSGNSEHFYSINVGGFFKLRSGEISIEVSNPSLL 299
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Qy      299  DPQDATYFGAFKVODID 316
      IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Db      300  DPQDATYFGAFKVRDID 317
      IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

RESULT 11
US-09-072-993C-3
; Sequence 3, Application US/09072993C
; Patent No. 6346388
; GENERAL INFORMATION:
; APPLICANT: Michael R. Brigham-Burke
; INVENTOR: Peter R. Young
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
; TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS T
; FILE REFERENCE: GH-50030
; CURRENT APPLICATION NUMBER: US/09/072,993C
; CURRENT FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 9

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? SEQ ID NO 3
? LENGTH: 279
? TYPE: PRT
? ORGANISM: HOMO SAPIENS
US-09-072-993C-3

      Query Match      15.4%; Score 258.5; DB 4; Length 279;
      Best Local Similarity 26.4%; Pred No 1.3e-17;
      Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps

QY 43 PAASRSNFLALLGLGLGVVCSIALFYIFRAQMD--PNRISEDSHTCFYRLRLHLENAGL 100
      | : : : | : | : : | : : | : : | : : | : : | : : | : : | : : |
Db 8 PSLGQTCLVIFIVFLVQLSLCAVTVYVFNELKQMDKYKSGIACF-----LKEDDSY 62

QY 101 QDSTLESEDITLPDSCRWKQAFQAVOK-----ELQHTVGPQRFSGAPAMM 146
      | : : : : | : : : | : | : | : : | : : | : : | : : | : : | : : |
Db 63 WDP--NDEESMNSPCWQKWQLRHLVRKRMILRSEETISTVQEQQNISPL----- 111

QY 147 EGSWLDVAQGRKPEAQPFALHT-----INAAISPGSHKVTL-----SSWYHDR-GWAKIS 196

Db 112 -----VREGRPQRYA--AHITTTGRPSNTLSSPNKSKNEKAIGRKTNSEFSSSGSHSELS 163

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QY   197 NMTLSNGKLRVNDGFFYLXANICFRHETSGSVYPDIDYQLAMLYVVVKTSIKTIPSSHNLAK 250
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Db    164 NLHLRNGELWIHEKGFGFYIYSQTIFYRFQEIEIKENTKDKNVOGYIIKYKT-SYPDPILLAK 222

QY   257 GGSTKNWSGNHFHYISNVGGFKFLRAGEEISIOVSNSPLLDDPDODATVFYGAFKV 312
      ||:::||::||::||::||::||::||::||::||::||::||::||::||::||::||
Db    223 SARNSCHSKDAEGCLYSISYOGLFELKENDRIFVSVTNEHLIDMDHEASEFFGAFLV 278


RESULT 12
US-08-670-354-2
; Sequence 2, Application us/08670354
; Patent No. 5763223
; GENERAL INFORMATION:
; APPLICANT: Steven R. Wiley and
; APPLICANT: Raymond G. Goodwin.
; TITLE OF INVENTION: Cytokine That Induces Apoptosis
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathryn A. Anderson, Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
```

```
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple 7.5.2
; SOFTWARE: Microsoft Word, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,354
; FILING DATE: 25-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/496,632
; FILING DATE: 29-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/548,368
; FILING DATE: 01-NOV-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Anderson, Kathryn A.
; REGISTRATION NUMBER: 32,172
; REFERENCE/DOCKET NUMBER: 2835-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206) 233-0644
; TELEX: 756822
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-670-354-2

Query Match      15.4%; Score 258.5; DB 1; Length 281;
Best Local Similarity 26.4%; Pred. No. 1.4e-17;
Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps 10;

QY 43 PAASRSMFLALGLGLGVGVCSIALFLYFRAQMD--PNRISDSSTHCFYRLRLHENAGL 100
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Db 10 PSLGQTCVLIVFTVLLQSLCVAVTVYFTNELKQMDKYSKSGIACF-----LKEDSY 64
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 101 QDSTLESDTLPSDCRRMKQAFQAVOK-----ELQHIVGQRFSGAPAMM 146
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 65 WDP--NDESMNSPCQVKWQLRQLVRKMLTSEETISTVQEQQNISPL-----113
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 147 EGSWLDVAQRGKPEAQPFALHT-----INAAISPSGSHKVTL-----SSWYHDR-GWAKIS 196
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 114 -----VREGPQ RVA--AHITGRGSRNTLSSPNSKNEKALGRKINSWESSRSGHSFLS 165
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 197 NMTLSNGKLRVNDGFGYLYANICFRHHETSGSVPTDYLOLMVYVVKTSIKIPSSHNLMK 256
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 166 NLHLRNGELVIHEKGYIYSQTYFRQEEIKENTKNDKQMVQYIYKYT-SYPDPILLMK 224
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 257 GGSTKNWGNSEFHYFSINVGFFKLRAEETISIQVSNPSLLDPDQDATYFGAFKV 312
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 225 SARNSCWSKDAEYGLYSIQGGIFELKENDRIEVSVTNEHLIDMDHEASFFGAFLV 280
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

RESULT 13
US-08-584-031-1
; Sequence 1, Application US/08584031A
; Patent No. 6030945
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; TITLE OF INVENTION: APO-2 LIGAND
; FILE REFERENCE: 11669.22US03
; CURRENT APPLICATION NUMBER: US/08/584,031A
; NUMBER OF SEQ ID NOS: 17
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 281
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-584-031-1

Query Match      15.4%; Score 258.5; DB 3; Length 281;
Best Local Similarity 26.4%; Pred. No. 1.4e-17;
Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps 10;

QY 43 PAASRSMFLALGLGLGVGVCSIALFLYFRAQMD--PNRISDSSTHCFYRLRLHENAGL 100
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 10 PSLGQTCVLIVFTVLLQSLCVAVTVYFTNELKQMDKYSKSGIACF-----LKEDSY 64
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 101 QDSTLESDTLPSDCRRMKQAFQAVOK-----ELQHIVGQRFSGAPAMM 146
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 65 WDP--NDESMNSPCQVKWQLRQLVRKMLTSEETISTVQEQQNISPL-----113
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 147 EGSWLDVAQRGKPEAQPFALHT-----INAAISPSGSHKVTL-----SSWYHDR-GWAKIS 196
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 114 -----VREGPQ RVA--AHITGRGSRNTLSSPNSKNEKALGRKINSWESSRSGHSFLS 165
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 197 NMTLSNGKLRVNDGFGYLYANICFRHHETSGSVPTDYLOLMVYVVKTSIKIPSSHNLMK 256
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db 166 NLHLRNGELVIHEKGYIYSQTYFRQEEIKENTKNDKQMVQYIYKYT-SYPDPILLMK 224
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
QY 257 GGSTKNWGNSEFHYFSINVGFFKLRAEETISIQVSNPSLLDPDQDATYFGAFKV 312
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Db 225 SARNSCWSKDAEYGLYSIQGGIFELKENDRIEVSVTNEHLIDMDHEASFFGAFLV 280
   | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

RESULT 14
US-08-780-496-1
; Sequence 1, Application US/08780496
; Patent No. 6046048
; GENERAL INFORMATION:
; APPLICANT: Avi Ashkenazi, Anan Chuntharapai, Kyung Jin Kim
; TITLE OF INVENTION: Apo-2 Ligand
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,496
; FILING DATE: 08-Jan-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Marschang, Diane L.
; REGISTRATION NUMBER: 35,600
; REFERENCE/DOCKET NUMBER: P0978P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-5416
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-780-496-1
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[illegible]

Search completed: September 30, 2002, 16:06:03
Job time: 22 sec

Query Match: 15.4%; Score 258.5; DB 4; Length 281;
Best Local Similarity 26.4%; Pred. No. 1.4e-17;